FIG. 1

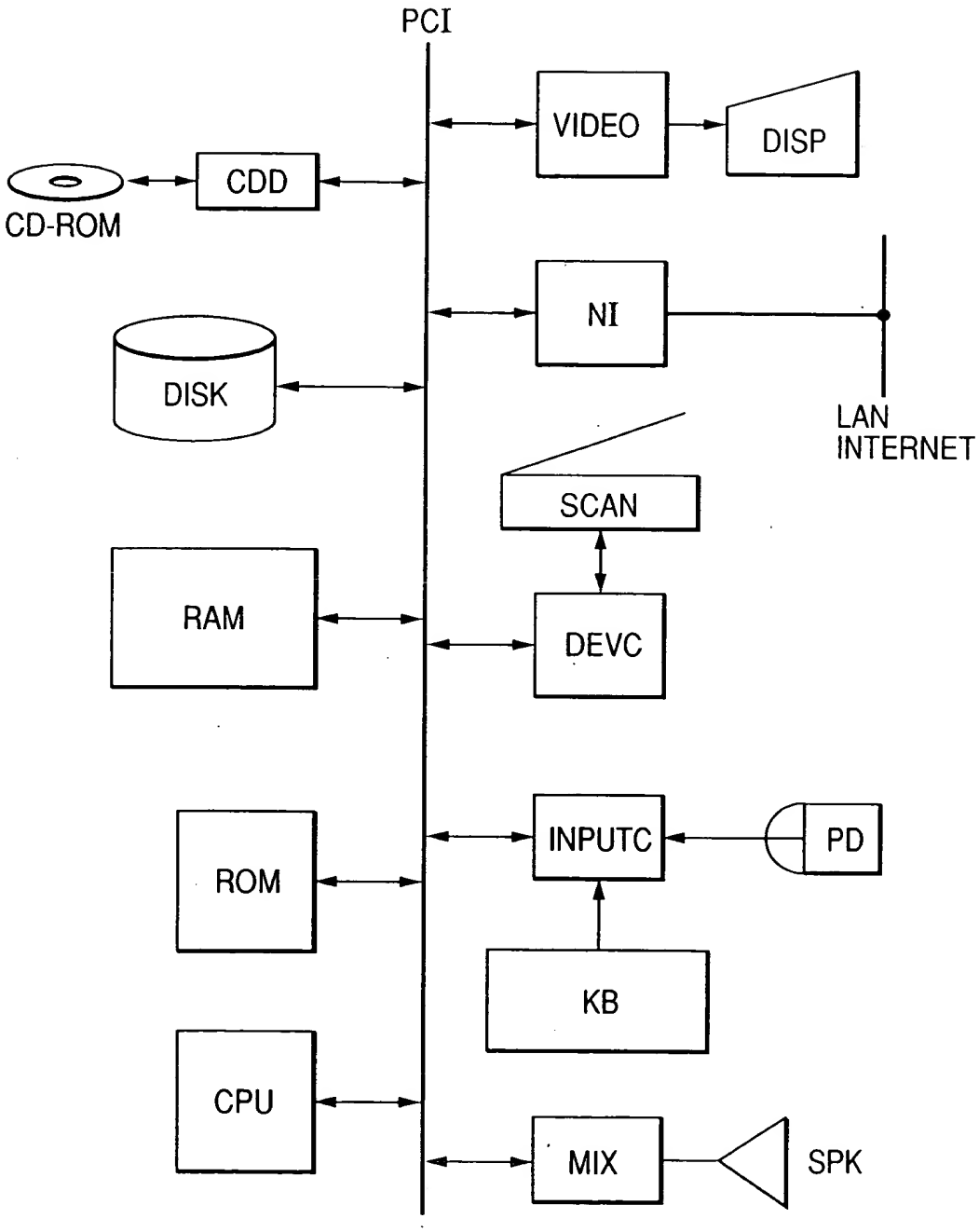

PCI
VIDEO
DISP
CDD
CD-ROM
NI
DISK
LAN
INTERNET
SCAN
RAM
DEVC
ROM
INPUTC
PD
KB
CPU
MIX
SPK

FIG. 2

VOLUME INFORMATION
DIRECTORY INFORMATION
⋮
MEDIA RETRIEVAL PROCESS PROGRAM PERFORMANCE FILE
⋮
MEDIA RETRIEVAL PROCESS PROGRAM RELATED DATA FILE

FIG. 3

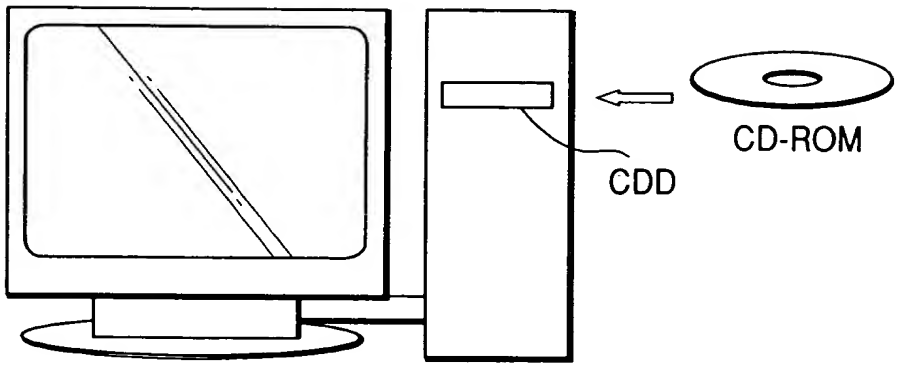


FIG. 4

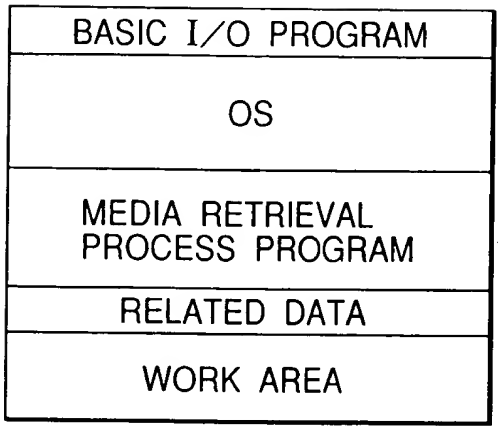


FIG. 5

RANK	MATCHING DEGREE	DATA ID
1	80	21365
2	75	90235
⋮	⋮	⋮
10	35	38106

FIG. 6

DATA ID	DISPLAY COORDINATES	DISPLAY SIZE
21365	(0, 200)	360×240
90235	(−200, −300)	300×200
⋮	⋮	⋮

FIG. 7

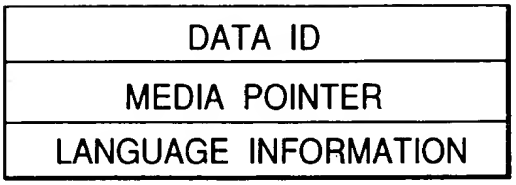

DATA ID
MEDIA POINTER
LANGUAGE INFORMATION

FIG. 8

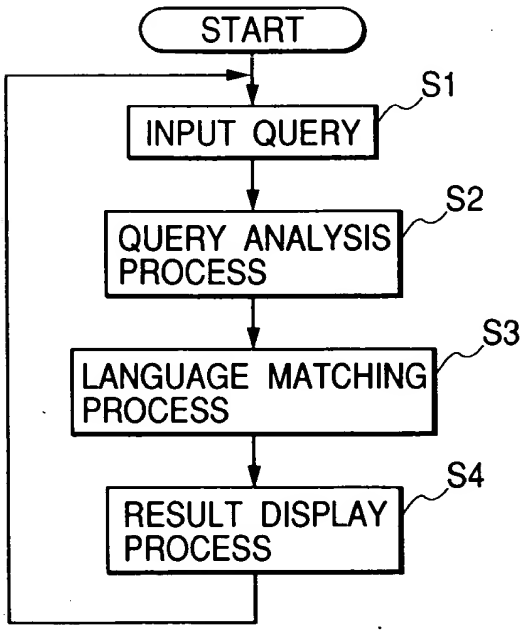

START
S1
INPUT QUERY
S2
QUERY ANALYSIS PROCESS
S3
LANGUAGE MATCHING PROCESS
S4
RESULT DISPLAY PROCESS

FIG. 9

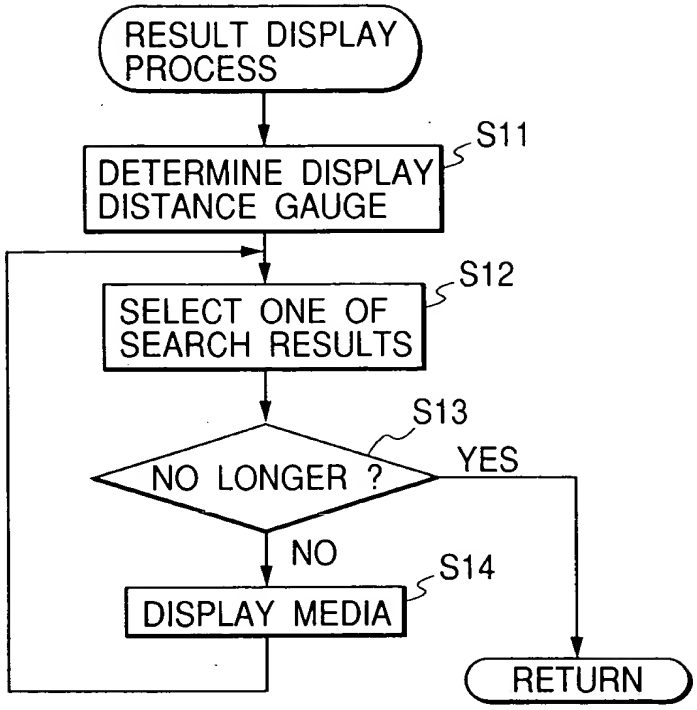

RESULT DISPLAY PROCESS
DETERMINE DISPLAY DISTANCE GAUGE
S11
SELECT ONE OF SEARCH RESULTS
S12
NO LONGER ?
S13
YES
NO
DISPLAY MEDIA
S14
RETURN

FIG. 10

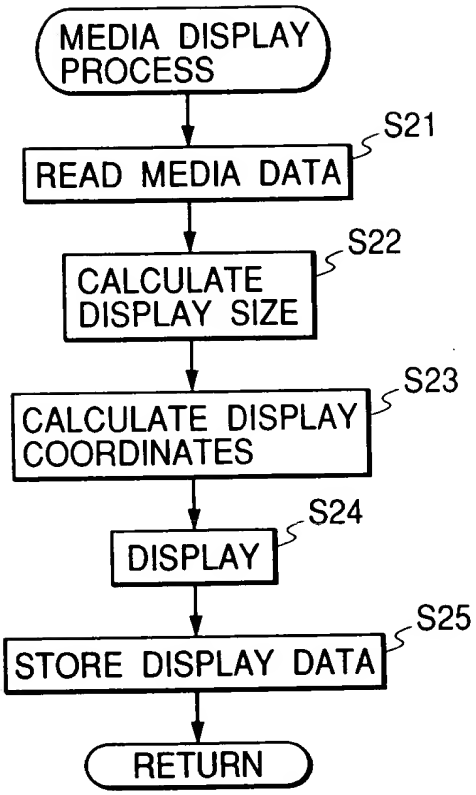

MEDIA DISPLAY PROCESS
S21
READ MEDIA DATA
S22
CALCULATE DISPLAY SIZE
S23
CALCULATE DISPLAY COORDINATES
S24
DISPLAY
S25
STORE DISPLAY DATA
RETURN

FIG. 11

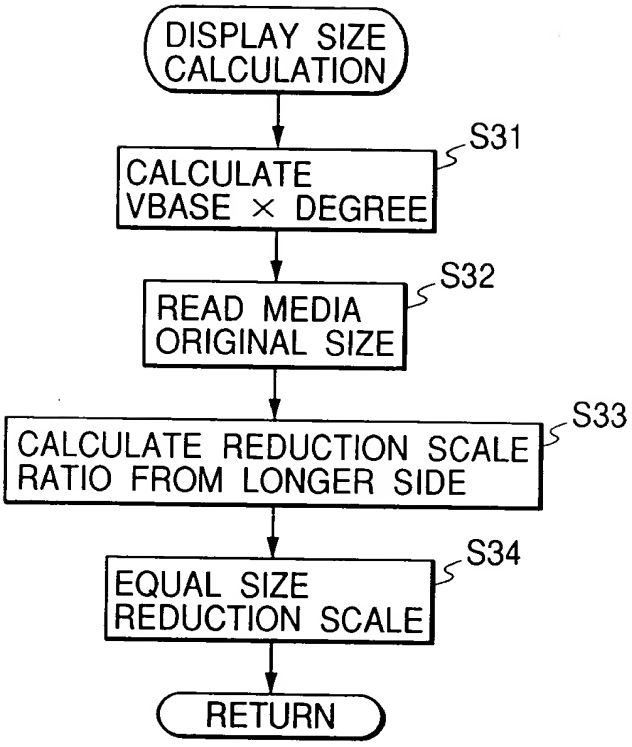
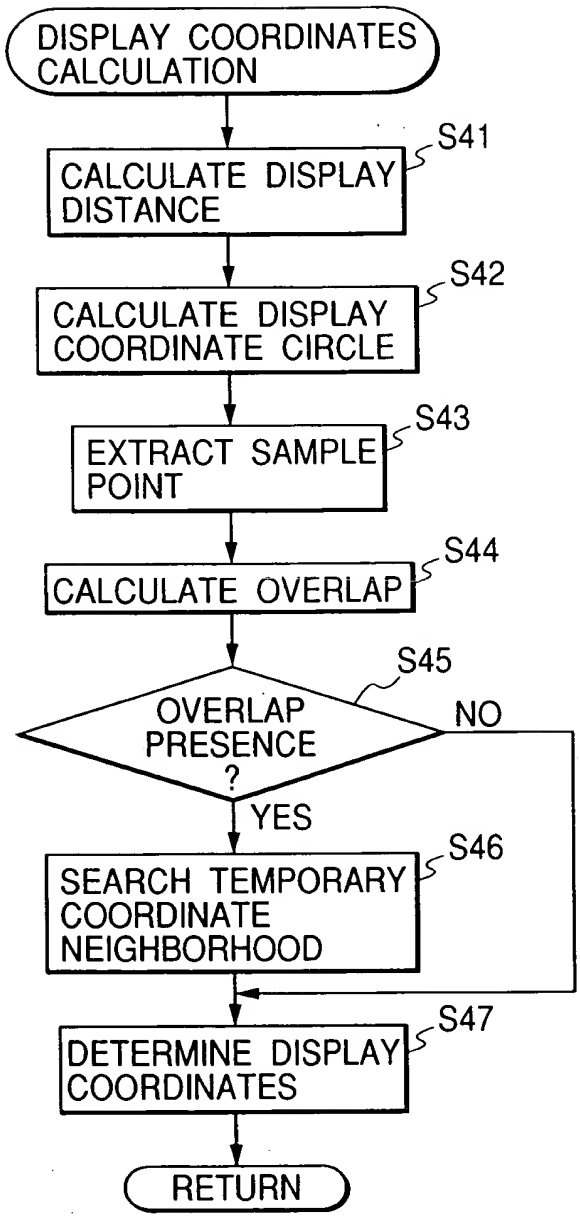

DISPLAY SIZE CALCULATION
S31
CALCULATE VBASE × DEGREE
S32
READ MEDIA ORIGINAL SIZE
S33
CALCULATE REDUCTION SCALE RATIO FROM LONGER SIDE
S34
EQUAL SIZE REDUCTION SCALE
RETURN

FIG. 12


DISPLAY COORDINATES CALCULATION
S41
CALCULATE DISPLAY DISTANCE
S42
CALCULATE DISPLAY COORDINATE CIRCLE
S43
EXTRACT SAMPLE POINT
S44
CALCULATE OVERLAP
S45
OVERLAP PRESENCE ?
NO
YES
S46
SEARCH TEMPORARY COORDINATE NEIGHBORHOOD
S47
DETERMINE DISPLAY COORDINATES
RETURN

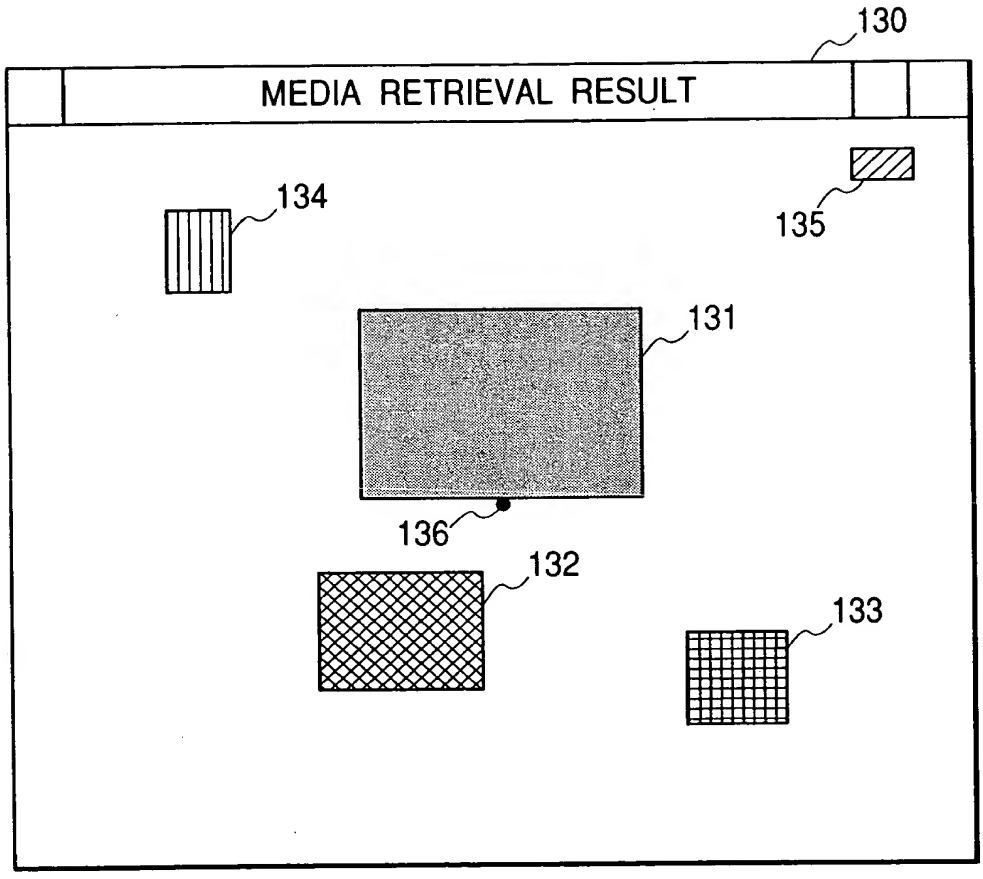



FIG. 13